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J1057 U.S. PTO

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**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.: 5649-968

DATE: January 14, 2002

**UTILITY PATENT APPLICATION TRANSMITTAL LETTER  
AND FEE TRANSMITTAL FORM (37 CFR 1.53(b))**

JC079 U.S.  
10/046805 PRO  
1/14/02

**BOX PATENT APPLICATION**

Commissioner for Patents  
Washington, DC 20231

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is:

a patent application  
 a Continuation     a Divisional     a Continuation-in-Part (CIP)    Application of prior application no.: \_\_\_\_\_; filed \_\_\_\_\_, the disclosure of which is hereby incorporated herein by reference in its entirety.  
 and claims the benefit of Provisional Application No. \_\_\_\_\_; filed \_\_\_\_\_.

Inventor(s) or Application Identifier:

Hyo-jong Lee – Seoul, Republic of Korea  
Seung-man Choi – Kyungki-do, Republic of Korea  
Sang-bum Kang – Seoul, Republic of Korea  
Gil-heyun Choi – Kyungki-do, Republic of Korea

Entitled: **METHODS OF FORMING METAL LAYERS IN INTEGRATED CIRCUIT DEVICES USING SELECTIVE ELECTROPLATING ON EDGES OF RECESSES AND CONDUCTIVE CONTACTS SO FORMED**

**Correspondence Address:**



20792

PATENT TRADEMARK OFFICE

Enclosed are:

1.  Application Transmittal Letter and Fee Transmittal Form (*A duplicate is enclosed for fee processing*)
2.  27 pages of Specification (including 62 claims)
3.  11 sheets of Informal Drawings (35 USC 113)
4.  Oath or Declaration
  - a.  newly executed (*original or copy*)
  - b.  copy from prior application (37 CFR 1.63(d)) (*for continuation/divisional*) [Note Box 6 Below]
  - c.  DELETION OF INVENTOR(S) (*Signed statement deleting inventor(s) named in the prior application*)
5.  Application Data Sheet. See 37 CFR 1.76
- 6..  Incorporation By Reference (*useable if box 4b is checked*)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

7.  Microfiche Computer Program (*Appendix*)  
 8.  Assignment papers (*cover sheet(s) and document(s)*)  
 9.  Applicant claims small entity status. See 37 CFR 1.27.  
 10.  Information Disclosure Statement, PTO-1449, and \_\_\_\_\_ references cited  
 11.  Preliminary Amendment (***Please enter all claim amendments prior to calculating the filing fee.***)  
 12.  English Translation Document  
 13.  Certified Copy of Application No. ; Filed  
 14.  Sequence Listing/ Sequence Listing Diskette
 

- a.  computer readable copy
- b.  paper copy
- c.  statement in support

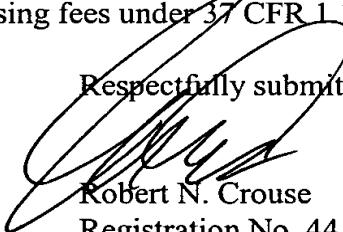
 15.  An Associate Power of Attorney  
 16.  Return Receipt Postcard (MPEP 503) (*Should be specifically itemized*)  
 17.  Other:

The fee has been calculated as shown below:

	Column 1 No. Filed	Column 2 No. Extra	Small Entity Rate	Large Entity Rate
<b>BASIC FEE</b>			\$370.00	\$ 740.00
<b>TOTAL CLAIMS</b>	<b>62</b>	<b>- 20 =</b>	<b>42</b>	x 09 = \$
<b>INDEP CLAIMS</b>	<b>9</b>	<b>- 3 =</b>	<b>6</b>	x 42 = \$
<input type="checkbox"/> MULTIPLE Dependent Claims Presented			+ 140 = \$	+ 280 = \$
<i>If the difference in Col. 1 is less than zero, Enter "0" in Col. 2</i>			Total \$	Total \$2,000.00

A check in the amount of \$ to cover the filing fee is enclosed.  
 A check in the amount of \$2,040.00 is enclosed to cover the filing fee, PLUS the Assignment Recordation fee (\$40.00).  
 Please charge my Deposit Account No. 50-0220 in the amount of \$ .  
 The Commissioner is hereby authorized to credit overpayments or charge the following fees associated with this communication to Deposit Account No. 50-0220:  
 a.  Additional filing fees under 37 CFR 1.16 for presentation of extra claims.  
 b.  Additional patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

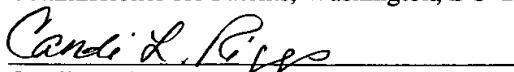
  
 Robert N. Crouse  
 Registration No. 44,635

#### CERTIFICATE OF EXPRESS MAILING

Express Mail Label No. EL 733099228 US

Date of Deposit: January 14, 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: BOX PATENT APPLICATION, Commissioner for Patents, Washington, DC 20231.

  
 Candi L. Riggs

Date of Signature: January 14, 2002